

## Subject Index

- acute lead poisoning 131
- acute myelocytic leukemia blast cells 323
- adenosine deaminase 353
- AKR leukemia 39
- Alloantigenaktivierung 377
- allogeneic marrow transplantation 237, 351
- alternative pathway of complement activation 13
- alveolar macrophages 157
- amyloid protein AA, identification with a monoclonal antibody 407
- anemia, hemolytic 249
- animal tumor viruses 356
- antibodies against platelet associated antigens 267
- antiplatelet-antibodies 267
- anti-Pr subspecificities 109
- antithymocyte globulin 275
- aplastic anemia, immunosuppressive treatment 275
- aplastic anemia in pregnancy 143
- Auer-rod bodies 323
- basophil granulocytes 347
- Bence-Jones protein myeloma 121
- Bence-Jones proteinuria 1
- bicytopenia 243
- blastogenesis 309
- blood groups 337
- B-Lymphozyten 377, 386
- bone marrow cells, plating efficiency 319
- bone marrow transplantation 24, 237, 275, 411
- bone marrow transplantation, new trends 352
- burst promoting activity 317
- burst stimulating activity 103
- busulfan 238
- canine lymphocytes 309
- cell biology and clinical aspects 351
- cell kinetic effects of vincristine 39
- cell mediated lympholysis 376
- CFU-C 24
- CFU-S 24
- chronic granulocytic leukemia 237
- chronic granulocytic leukemia, erythroblastic transformation 291
- chronic myelocytic leukemia 347
- coagulation abnormalities 141
- cold agglutinins 109, 110
- cold agglutinin Ad expression in the human kidney 113
- colony forming unit MG 167
- colony stimulating factor 167
- column chromatography 287
- column chromatography, human embryonic hemoglobins 283
- complement C3b 249
- complement proteins 250
- concanavalin 243
- contrasuppressor cells 357
- culture conditions for mixed hemopoietic colonies 98
- DEAE-paper chromatography 33
- density distribution profiles of human lymphocytes 375
- density distribution profiles in non-Hodgkin lymphomas 385
- dextran sulfate 13
- Dichtegradientenfractionierung 375
- Dichteverteilung aktivierter Lymphozyten 378
- Dichteverteilungen bei non-Hodgkin Lymphomen 387
- Dichteverteilung menschlicher Lymphozyten 375, 385
- Dichteverteilung ruhender Lymphozyten 375
- diffusion chambers 323
- diphenyl hexatriene 251
- distribution patterns 375
- electron microscopy, Ig production 121
- electrophoresis of globin chains 285
- endotoxin 352
- enrichment of human nucleated red blood cells 287
- eosinophilic differentiation 323
- Epstein-Barr virus 354, 376
- erythroblastic transformation of chronic granulocytic leukemia 291
- erythrocytes 33, 110, 329
- erythrocyte protoporphyrin 131
- erythropoiesis 317
- factor VIII 279
- factor VIII:C activity decay 279
- factor VIII inhibitor 395
- factor X and pancreatic islet A cell 415
- factor XIII B phenotypes 342
- factor XIII B subunit 337
- Faktor VIII und Faktor VIII-Inhibitoren, unterschiedliche Proportionen von – in ihren Antigen-Antikörper-Komplexen 395
- fatty acids 329
- fluorescent antibody technique 121
- Freundlich's adsorption isotherme 395

- glomerular filtration rate 1
- glucocorticoid receptors 353
- glucose-6-phosphate dehydrogenase deficiency 33
- graft-versus-host reaction 115
- granulocyte/monocyte associated antigens 357
- granulocyte transfusion 115
- granulocytic leukemia 237
- hemagglutination 111
- hemoglobinuria, paroxysmal 249
- hemoglobinuria, paroxysmal nocturnal 367
- hemolytic anemia 249, 261
- hemopoietic progenitor cells in peripheral blood, animal studies 87
- hemopoietic progenitor cells in peripheral blood, human studies 89
- hereditary porphobilinogen synthase deficiency 131
- Hodgkin's disease 352
- Hodgkin lymphoma 97
- hormonal regulation 103
- human bone marrow 151
- human burst forming units 317
- human coagulation factor XIII B 337
- human embryonic hemoglobins 283
- human leukemia 351
- human leukemia viruses 356
- human nucleated red cells, enrichment 287
- hydroxyurea 238
- hyperoxia on phagocytosis, effects of - 157
- identification of AA-type amyloid in tissue sections 409
- immune functions 243
- immunoglobulin 121
- immunoglobulin production and secretion 121
- immunology 356
- immunoperoxidase 407
- immunosuppressive treatment 275
- impaired T-cell and NK-cell function 243
- indirect immunofluorescence 111
- inherited porphobilinogen synthase deficiency 131
- inhibition material 111
- inhibitor units 395
- Inhibitoren gegen Faktor VIII 396
- interleukin 352
- in vitro survival studies 279
- isotype 408
- kryobulin 279
- lack of factor XII antigen in factor XII deficiency 141
- lead poisoning 131
- lead poisoning - a toxogenetic disease 137
- leukemia viruses 354
- leukemic cell population, cytokinetic behavior 39
- Le-Veen shunt 261
- lipid peroxidation 329
- lymphocytes 375
- Lymphozyten, Dichteverteilung menschlicher - 375
- malonyldialdehyde formation 329
- maternal-embryonic blood cells 287
- megakaryocytes, characterization 271
- megakaryocytic colonies, culture 271
- megakaryocytic-erythroid colonies 267
- megakaryopoiesis 267
- membrane attack by complement 249
- membrane viscosity 251
- memory cells 377
- methylprednisolon 275
- mixed hemopoietic colonies 267
- monoclonal antibodies 109, 301, 356
- monoclonal antibody 407
- monoclonal antibody OKT 3 351
- monoclonal antibody WT 1 353
- monoclonal anti-Pr cold agglutinins 109
- monoclonal anti-T cell antibodies 309
- monocytic antibodies 306
- mononuclear cells 317
- multiple myeloma 121
- myelocytic leukemia 347
- myeloid differentiation 302
- myeloid differentiation antigens 303
- myelo-lymphopoietic stem cells in bone marrow 151
- myelomatosis, a valuable marker in - 1
- myelomonocytic antibodies 306
- natural killer cells 356
- natural killer cell activity 243
- natural killings 377
- neuraminic acid 109
- neuraminidase 109
- neuraminidase treatment 337
- newborn mice 24
- nitrobluetetrazolium (NBT)-test reduction 13
- NK-cell activity 243
- nocturnal hemoglobinuria erythrocytes 249
- non-Hodgkin Lymphome 385
- nonsecretory myeloma 121
- OKT 8 positive lymphocytes in mixed colonies 99
- oxygen toxicity 157
- pancytopenia 243
- paroxysmal hemoglobinuria 249

- paroxysmal nocturnal hemoglobinuria 367  
paroxysmal nocturnal hemoglobinuria,  
  vascular complications 261  
patterns of malignant lymphocytes 385  
perinatal distress 167  
phagocytosis 157  
6-phosphogluconate dehydrogenase 33  
phythemagglutinin 243, 267  
plasma-clot-diffusion-chamber 23  
platelet satellitism 347  
pluripotent stem cells (CFU-GEMM) 97  
polyclonal anti-B cell antibodies 309  
polyclonal antithymocyte globulin 353  
polycythemia vera 103  
polymorphism 337  
polymorphonuclear (PMN) activation,  
  studies on the mechanism of - 13  
polymorphonuclear leukocytes 157  
polymorphonuclear (PMN) stimulation 13  
porphobilinogen and porphyrins 131  
porphobilinogen synthase deficiency 131  
pre-CFU-S 24  
precursors of T-helper and T-killer cells 356  
preleukemia 243  
preparation of cell suspension 98  
preparation for leucocyte conditioned  
  medium 98  
pre-term infants 167  
processing of bone marrow 411  
prognostische Klassifizierung von  
  non-Hodgkin Lymphomen 385  
purification of progenitor cells from  
  peripheral blood 91  
quantitativer Faktor VIII-Inhibitortest 397  
v. Recklinghausen's neurofibromatosis 417  
recloning of hemopoietic colonies 98  
recruitment of non-proliferating cells 39  
regenerating bone marrow 24  
renal failure, immunosuppressive treatment  
  275  
renal plasma clearance 1  
screening for G-6-PD deficiency 33  
secondary and tertiary T-cell colonies,  
  analysis 99  
selection of clones 408  
serological studies 111  
severe aplastic anemia 275  
spontaneous AKR leukemia 39  
stem cells 97  
stem cell growth 103  
Strübing disease 372  
suppressor T-cell clones 97  
T-cell markers on primary mixed  
  hemopoietic colonies 98  
T-cell mitogens 243  
T-cell and NK-cell function 243  
T-cell population 97  
thrombocytopenia 261  
T-Lymphozyten 386  
transfection assay 355  
T-Zellen 376  
urinary delta-aminolevulinic acid 131  
venous thrombosis 261  
Verteilungsmuster maligner Lymphozyten  
  385  
VIM-D5 antibody 303  
vincristine 39  
virology and molecular biology 353  
volatile alkanes 329  
v. Willebrand's syndrome 417  
Zymosan 13  
Zytotoxizität 376

## Author Index

**Bold figures indicate either Leading Articles or Original Articles**

- Alberca, I. 417  
Anger, G. 359  
Anselstetter, V. 297, 298  
Aprile, J. **309**  
Austrian Society of Hematology and  
Oncology 171  
Balduini, C.L. 291  
Bannert, P. **237**  
Ben-Ishay, Z. **23**, 167  
Betterle, C. 415  
Bonomo, L. 347  
Botzenhardt, U. 13  
Braunitzer, G. 283, 287  
Braunsteiner, H. **375**, **385**  
Bross, K.G. **97**, **267**  
Cappellato, G. 141  
Carbonell, F. 317  
Clemens, M.R. 329  
Dal Bo Zanon, R. 279  
Deeg, H.J. **309**  
De Marco, L. 141  
Deutsche Gesellschaft für Bluttransfusion  
und Immunhämatologie 47  
Dörken, B. **109**  
Dörmer, P. **323**  
Doss, M. 131  
Drivsholm, A. 1  
Durkopp, N. **309**  
Essers, U. **103**  
Fabris, F. 279  
Fauser, A.A. **97**, **151**, **267**  
Feil, W. **115**  
Fischer, J. 83, 146, 147  
Forbes, I.J. **109**  
Franz, H.E. 295  
Frickhofen, N. 419  
Gabriel, M. 167  
Gaedicke, G. 145  
Ganser, A. 351  
Garg, A. 143  
Gastl, G. **375**  
Gazetta, R. 279  
Gebhart, W. **115**  
German Society of Hematology and  
Oncology 171  
Gips, C.H. **261**  
Girolami, A. 141, 279, 415  
Gratwohl, A. **237**  
Grilli, G. 317  
Grisold, W. **115**  
Gschneit, F. **115**  
Hahn, K. 360  
Hansen, O.P. 1  
Hartmann, H.G. 275  
Heckner, F. 361  
Heilmann, E. **103**  
Heimpel, H. **243**, 361, 419  
Hiller, E. 146, 295  
Hiller, K. 39  
Hinterberger, W. **115**  
Hintz, G. **395**  
Hiraoka, A. 121  
Höcker, P. **115**  
Hövels-Gürich, H. **103**  
Huber, Ch. **375**, **385**  
Huhn, D. **323**  
Ichiba, Y. 33  
Invernizzi, R. 291  
Jäger, G. **323**  
Jeannet, M. **237**  
Jehn, U. **323**  
Jellinger, K. **115**  
Jones, C.M. **249**  
Jutzler, G.A. 275  
Kanayama, Y. **121**  
Kanz, L. **97**, **267**  
Kitani, T. 121  
Kleeberg, U.R. 297  
Kleinschmidt, T. 283, 287  
Knapp, W. **301**  
Kochupillai, V. 143  
Kosaka, M. 33  
Kreckel, P. **337**  
Krepler, R. **115**  
Krom, R.A.F. **261**  
Kubaneck, B. 411  
Kühnl, P. **337**  
Kumar, S. 143  
Kurrle, E. 359  
Lau, B. **323**  
Lemmel, E.-M. **13**  
Lenhard, V. **109**  
Linke, R.P. 407  
Liso, V. 347

Löhr, G. W. 97, 151  
 Loo, J. C. W. van de 296  
 López Borrasca, A. 417  
 Lutz, D. 385

Machacek, E. 115  
 Mayer, M. M. 249  
 Meyer, P. 39  
 Misumi, H. 33  
 Müller, H. J. 237  
 Müller, J. 13  
 Müller, M. 237  
 Müller, W. A. 131  
 Mulder, N. H. 261

Niedeggen, A. 103  
 Niederwieser, D. 375, 385  
 Niethammer, D. 146  
 Nissen, C. 237  
 Nobis, P. 351

Osterwalder, B. 237

Patrassi, G. M. 141  
 Pees, H. W. 275  
 Pflieger, H. 83, 411  
 Porzsolt, F. 243, 351  
 Prieto, J. 417  
 Prindull, B. 167  
 Prindull, G. 23, 167

Remmer, H. 329  
 Ricevuti, G. 291  
 Rieber, E. P. 296  
 Rister, M. 157  
 Rizzo, S. C. 291  
 Roelcke, D. 109  
 Ruffato, G. 279

Scheurlen, P. G. 275  
 Schmeiser, T. 411  
 Schmidmeier, W. 115  
 Schmid-Schönbein, H. 147  
 Schoengen, A. 360  
 Schröter, W. 167  
 Schwerdtfeger, R. 395  
 Shin, Moon L. 249  
 Shohmori, T. 33  
 Shushan, A. 23  
 Sladić-Simić, D. 283, 287  
 Speck, B. 237  
 Storb, R. 309  
 Straub, G. 267

Tamaki, T. 121  
 Tarui, S. 121  
 Thöml, H. 385  
 Thierfelder, S. 323  
 Trevisan, A. 415  
 Tsoi, M.-S. 309

Vellenga, E. 261  
 Vicente Garcia, V. 417

Wada, H. 33  
 Weatherall, D. J. 147  
 Weiser, G. 385  
 Wieland, C. 317  
 Wiesneth, M. 411  
 Wilmanns, J. C. 367  
 Wilms, K. 39  
 Wulff, J. C. 309

Yankelev, S. 23  
 Yonezawa, T. 121

Zalewski, P. D. 109  
 Zier, K. 375  
 Zwaan, F. E. 87